

Attorney Docket No.: 270/070 (UMD-0070)  
Inventors: Langenfeld, John  
Serial No.: 10/044,716  
Filing Date: January 11, 2002  
Page 3

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method for the treatment of lung cancer comprising administering to a patient with lung cancer a therapeutically effective amount of a noggin, chordin, gremlin, cerberus 1 homolog, or DAN polypeptide ~~that binds specifically to a~~ to antagonize binding of bone morphogenetic protein-2 (BMP-2) ~~so that to~~ BMP-2 receptor activation ~~is prevented~~ thereby treating the lung cancer.

Claims 2-5 (canceled).

Claim 6 (currently amended): The method of claim 1 wherein the noggin polypeptide ~~that binds specifically to BMP-2 is~~ human noggin of SEQ ID NO:4.

Claims 7-16 (canceled).

Claim 17 (original): The method of claim 1 wherein the patient is a human.

Claim 18 (currently amended): The method of claim 1 wherein the polypeptide ~~that binds specifically to BMP-2~~ is in a composition further comprising a pharmaceutically acceptable carrier.

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Page 4

Claim 19 (currently amended): The method of claim 18 wherein the polypeptide ~~that binds specifically to BMP-2~~ is administered orally, enterically, intravenously, peritoneally, subcutaneously, transdermally, parenterally, intratumorally, or rectally.

Claims 20-64 (canceled).